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**METHODS AND COMPOSITIONS FOR VACCINATING
AGAINST FELINE IMMUNODEFICIENCY VIRUS**

ABSTRACT OF THE DISCLOSURE

Compositions derived from a novel viral isolate
designated feline immunodeficiency virus (FIV) include
the whole virus, proteins, polypeptides and,
polynucleotide sequences derived from the virus; and
antibodies to antigenic sites on the virus. These
compositions are useful in a variety of techniques for
the detection of and vaccination against FIV. Detection
methods disclosed include immunoassays for both the virus
and antibodies to the virus, and the use of
polynucleotide probes to detect the viral genome.
Vaccines include both wholly and partially inactivated
viruses inactivated cell lines expressing FIV antigens,
and subunit vaccines. Whole, live virus is also useful
as a model system for predicting the behavior of human
immunodeficiency virus (HIV).
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